

Technical drawing of a piston and connecting rod assembly, showing two views: a side cross-section and a top view.

Side View (Left):

- 1:** Piston body.
- 2, 3:** Piston rings.
- 5:** Connecting rod.
- 8:** Connecting point.
- 26:** Piston pin.
- 27:** Piston pin bush.
- 30:** Piston pin nut.
- ms:** Distance from the piston pin to the center of the connecting rod.
- dbc:** Distance from the piston pin to the center of the connecting rod (labeled as dbc).

Top View (Right):

- 10:** Piston crown.
- 18:** Connecting rod cross-section.
- 22:** Piston pin.

Handwritten Note:

Here: $dbc > ms$
 new invention: $dbc < ms$

Here: $dbc > ms$
key invention: $dbc < ms$

piston = boundary surface
 connecting point = back surface of 27